

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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## Order of Operations

1 )  $(5^2 + (12 \div 6 + 4^2)) + 2^2$

6 )  $((9 - 4)^2 + 4) + 10 - 2^2$

2 )  $((10 + 7) + (18 \div 6)^2) \times 6^2$

7 )  $((11 - 4)^2 + 5) + 7 - 2^2$

3 )  $((14 - 7) + (24 \div 3)^2) \times 3^2$

8 )  $11 + (8 + (4 + 5)^2) - 3$

4 )  $10 + (8 + (11 - 4)^2) + 3$

9 )  $(10 \div 2)^2 + ((14 + 5) \times 4^2)$

5 )  $(7^2 + (24 \div 4 + 3^2)) - 2^2$

10 )  $(24 \div 2)^2 + ((11 - 6) \times 5^2)$

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## Order of Operations

$$\begin{aligned}
 1) & (5^2 + (12 \div 6 + 4^2)) + 2^2 \\
 & (5^2 + (12 \div 6 + 16)) + 2^2 \\
 & (5^2 + (2 + 16)) + 2^2 \\
 & (25 + 18) + 4 \\
 & 43 + 4 \\
 & 47
 \end{aligned}$$

$$\begin{aligned}
 2) & ((10 + 7) + (18 \div 6)^2) \times 6^2 \\
 & (17 + (3)^2) \times 6^2 \\
 & (17 + 9) \times 6^2 \\
 & 26 \times 6^2 \\
 & 26 \times 36 \\
 & 936
 \end{aligned}$$

$$\begin{aligned}
 3) & ((14 - 7) + (24 \div 3)^2) \times 3^2 \\
 & (7 + (8)^2) \times 3^2 \\
 & (7 + 64) \times 3^2 \\
 & 71 \times 3^2 \\
 & 71 \times 9 \\
 & 639
 \end{aligned}$$

$$\begin{aligned}
 4) & 10 + (8 + (11 - 4)^2) + 3 \\
 & 10 + (8 + 7^2) + 3 \\
 & 10 + (8 + 49) + 3 \\
 & 10 + 57 + 3 \\
 & 70
 \end{aligned}$$

$$\begin{aligned}
 5) & (7^2 + (24 \div 4 + 3^2)) - 2^2 \\
 & (7^2 + (24 \div 4 + 9)) - 2^2 \\
 & (7^2 + (6 + 9)) - 2^2 \\
 & (49 + 15) - 4 \\
 & 64 - 4 \\
 & 60
 \end{aligned}$$

$$\begin{aligned}
 6) & ((9 - 4)^2 + 4) + 10 - 2^2 \\
 & (5^2 + 4) + 10 - 4 \\
 & (25 + 4) + 10 - 4 \\
 & 29 + 10 - 4 \\
 & 35
 \end{aligned}$$

$$\begin{aligned}
 7) & ((11 - 4)^2 + 5) + 7 - 2^2 \\
 & (7^2 + 5) + 7 - 4 \\
 & (49 + 5) + 7 - 4 \\
 & 54 + 7 - 4 \\
 & 57
 \end{aligned}$$

$$\begin{aligned}
 8) & 11 + (8 + (4 + 5)^2) - 3 \\
 & 11 + (8 + 9^2) - 3 \\
 & 11 + (8 + 81) - 3 \\
 & 11 + 89 - 3 \\
 & 97
 \end{aligned}$$

$$\begin{aligned}
 9) & (10 \div 2)^2 + ((14 + 5) \times 4^2) \\
 & (5)^2 + (19 \times 4^2) \\
 & 25 + (19 \times 16) \\
 & 25 + 304 \\
 & 329
 \end{aligned}$$

$$\begin{aligned}
 10) & (24 \div 2)^2 + ((11 - 6) \times 5^2) \\
 & (12)^2 + (5 \times 5^2) \\
 & 144 + (5 \times 25) \\
 & 144 + 125 \\
 & 269
 \end{aligned}$$